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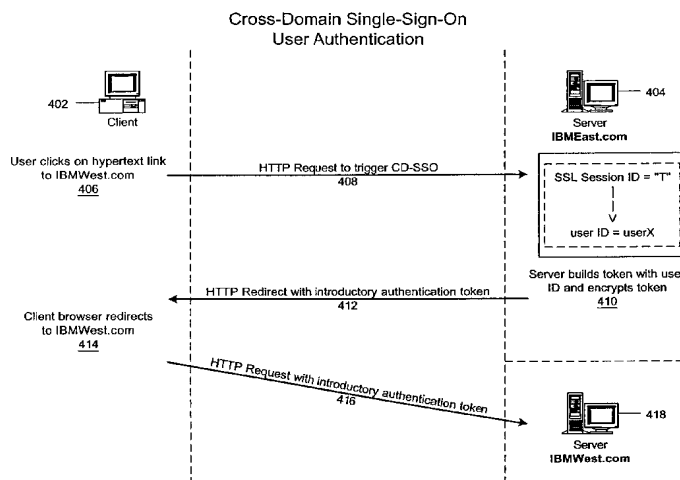
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(54) Title: METHOD AND SYSTEM FOR WEB-BASED CROSS-DOMAIN SINGLE-SIGN-ON AUTHENTICATION



(57) Abstract: A method, system, or computer program product is presented for cross-domain, single-sign-on, authentication functionality. The methodology uses an introductory authentication token to introduce an already authenticated user from one domain to a new domain. This token is passed from one domain to the other domain using HTTP-redirection. This token is protected by encryption with a cryptographic key shared only between the two domain in a secure manner such that an external user cannot generate a counterfeit introductory token. An introductory token is further protected by enabling it with a limited lifetime so that an unauthorized user would not be able to use or reuse the introductory token within the token's lifetime. After a user has been introduced to a new security domain, then all of the user's resource requests are authorized by the new domain.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 940 960 A (HEWLETT PACKARD CO) 8 September 1999 (1999-09-08)	1-8, 12-19, 23-30
Y	column 1-2, paragraphs 6-8 column 11, paragraph 11 column 4, paragraphs 16,17 column 5, paragraph 20 -column 7, paragraph 29 column 8, paragraph 31 -column 9, paragraph 32 column 10, paragraph 36 figures 4,5 --- -/--	9-11, 20-22

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	"smb.conf - The configuration file for the Samba suite" UNIX MAN PAGES, 'Online! 23 October 1998 (1998-10-23), XP002241870 Retrieved from the Internet: <URL:http://web.archive.org/web/20001001062644/http://de.samba.org/samba/docs/man/smb.conf.5.html> 'retrieved on 2003-05-20! page 77, section "username map" -----	9-11, 20-22
A	MICHAEL FLEMING GRUBB ET AL: "Single Sign-On and the System Administrator" USENIX, 6 December 1998 (1998-12-06), XP002154500 Retrieved from the Internet: <URL:http://www.usenix.org/publications/library/proceedings/lisa98/full_papers/grubb/> 'retrieved on 2000-12-04! * the whole document * -----	1-30

Information on patent family members

PCT/EP 01/12361

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